

WEST Search History

DATE: Tuesday, June 24, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L1	ethyl acetate or methylpyrrolidone or methyl ethyl ketone or acetic acid or propylene carbonate or organic solvent	536385	L1
L2	alcohol or ketone or ethanol or propanol or propanediol or glycerol or methyl ethyl ketone	880209	L2
L3	curing agent or water or alcohol or propanol or propanediol	3113495	L3
L4	(polymer or copolymer) with (lactic acid or PLA or lactate or glycolic or PLAGA)	10154	L4
L5	surfactant or sorbitan ester or tween 80 or polyvinyl alcohol or PVA	366528	L5
L6	L1 with (polymer or copolymer)	54307	L6
L7	L6 same L2	14093	L7
L8	L3 with L5	214629	L8
L9	L8 and L7 and L4	450	L9
L10	L9 and (desolvation or coacervation or microencapsulation or encapsulation or microencapsulating or encapsulating or microcapsule or microparticle)	244	L10
L11	l10 and ((264/\$)!.CCLS.)	41	L11

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 41 of 41 returned.**☐ 1. Document ID: US 20030068381 A1

L11: Entry 1 of 41

File: PGPB

Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030068381

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030068381 A1

TITLE: Induced phase transition method for the production of microparticles containing hydrophilic active agents

PUBLICATION-DATE: April 10, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Albayrak, Celal	Munich		DE	

US-CL-CURRENT: 424/497; 264/4.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 20030003156 A1

L11: Entry 2 of 41

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030003156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030003156 A1

TITLE: Preparation of microparticles having a selected release profile

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lyons, Shawn L.	Cincinnati	OH	US	
Ramstack, J. Michael	Lebanon	OH	US	
Wright, Steven G.	Madeira	OH	US	

US-CL-CURRENT: 424/489; 264/4.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 20020192294 A1

L11: Entry 3 of 41

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020192294

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020192294 A1

TITLE: Induced phase transition method for the production of microparticles containing hydrophobic active agents

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Albayrak, Celal	Munich		DE	

US-CL-CURRENT: 424/501; 264/4.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 4. Document ID: US 20020146457 A1

L11: Entry 4 of 41

File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020146457
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020146457 A1

TITLE: Preparation of biodegradable, biocompatible microparticles containing a biologically active agent

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rickey, Michael E.	Loveland	OH	US	
Ramstack, J. Michael	Lebanon	OH	US	
Lewis, Danny H.	Hartselle	AL	US	

US-CL-CURRENT: 424/490; 264/4.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw Desc	Image
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☐ 5. Document ID: US 20020119203 A1

L11: Entry 5 of 41

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020119203
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020119203 A1

TITLE: Method for preparing microparticles having a selected polymer molecular weight

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wright, Steven G.	Madeira	OH	US	
Rickey, Michael E.	Loveland	OH	US	
Ramstack, J. Michael	Lebanon	OH	US	
Lyons, Shawn L.	Cincinnati	OH	US	
Hotz, Joyce M.	Cincinnati	OH	US	

US-CL-CURRENT: 424/501; 264/4.1, 424/497

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 6. Document ID: US 20020086060 A1

L11: Entry 6 of 41

File: PGPB

Jul 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020086060
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020086060 A1

TITLE: Process for producing microparticles

PUBLICATION-DATE: July 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Jonsson, Monica	Bara		SE	
Laakso, Timo	Campton		GB	
Reslow, Mats	Lund		SE	

US-CL-CURRENT: 424/490; 264/4.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 7. Document ID: US 20020081336 A1

L11: Entry 7 of 41

File: PGPB

Jun 27, 2002

PGPUB-DOCUMENT-NUMBER: 20020081336
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020081336 A1

TITLE: Parenterally administrable microparticles

PUBLICATION-DATE: June 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Jonsson, Monica	Bara		SE	
Laakso, Timo	Campton		GB	
Reslow, Mats	Lund		SE	

US-CL-CURRENT: 424/493; 264/4.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 8. Document ID: US 20020044976 A1

L11: Entry 8 of 41

File: PGPB

Apr 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020044976
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020044976 A1

TITLE: Microparticles

PUBLICATION-DATE: April 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gustavsson, Nils Ove	Loddekopinge		SE	
Jonsson, Monica	Bara		SE	
Laakso, Timo	Campton		GB	
Reslow, Mats	Lund		SE	

US-CL-CURRENT: 424/493; 264/4.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 9. Document ID: US 20020031553 A1

L11: Entry 9 of 41

File: PGPB

Mar 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020031553
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020031553 A1

TITLE: Manufacturing process of microcapsules for sustained release of water soluble peptides

PUBLICATION-DATE: March 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moyano, Nora	Parana		AR	
Iturraspe, Jose	Parana		AR	
Nunez, Jose Lucio	Parana		AR	

US-CL-CURRENT: 424/491; 264/4.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 10. Document ID: US 20020028249 A1

L11: Entry 10 of 41

File: PGPB

Mar 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020028249
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020028249 A1

TITLE: Preparation of biodegradable, biocompatible microparticles containing a biologically active agent

PUBLICATION-DATE: March 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rickey, Michael E.	Loveland	OH	US	
Ramstack, J. Michael	Lebanon	OH	US	
Lewis, Danny H.	Hartselle	AL	US	

US-CL-CURRENT: 424/490; 264/4.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 11. Document ID: US 20020001621 A1

L11: Entry 11 of 41

File: PGPB

Jan 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020001621

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020001621 A1

TITLE: Method for preparing microparticles having a selected polymer molecular weight

PUBLICATION-DATE: January 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wright, Steven G.	Madeira	OH	US	
Rickey, Michael E.	Loveland	OH	US	
Ramstack, J. Michael	Lebanon	OH	US	
Lyons, Shawn L.	Cincinnati	OH	US	
Hotz, Joyce M.	Cincinnati	OH	US	

US-CL-CURRENT: 424/490; 264/4.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 12. Document ID: US 6537586 B2

L11: Entry 12 of 41

File: USPT

Mar 25, 2003

US-PAT-NO: 6537586

DOCUMENT-IDENTIFIER: US 6537586 B2

TITLE: Apparatus and method for preparing microparticles

DATE-ISSUED: March 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lyons, Shawn L.	Cincinnati	OH		
Wright, Steven G.	Madeira	OH		

US-CL-CURRENT: 424/501; 264/4.1, 264/4.33, 264/4.6, 424/1.29, 424/489, 424/490, 424/497, 427/213.3, 427/213.36, 428/402.21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 13. Document ID: US 6534094 B2

L11: Entry 13 of 41

File: USPT

Mar 18, 2003

US-PAT-NO: 6534094

DOCUMENT-IDENTIFIER: US 6534094 B2

TITLE: Manufacturing process of microcapsules for sustained release of water soluble peptides

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moyano; Nora	Entre Rios			AR
Iturraspe; Jose	Entre Rios			AR
Nunez; Jose Lucio	Entre Rios			AR

US-CL-CURRENT: 424/491; 264/4.1, 264/4.3, 264/4.33, 264/4.4, 264/4.6, 424/460,
424/489, 424/492, 428/402.21, 514/963, 514/965, 526/65, 526/66, 526/71

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 14. Document ID: US 6534092 B2

L11: Entry 14 of 41

File: USPT

Mar 18, 2003

US-PAT-NO: 6534092

DOCUMENT-IDENTIFIER: US 6534092 B2

TITLE: Method for preparing microparticles having a selected polymer molecular weight

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wright; Steven G.	Madeira	OH		
Rickey; Michael E.	Loveland	OH		
Ramstack; J. Michael	Lebanon	OH		
Lyons; Shawn L.	Cincinnati	OH		
Hotz; Joyce M.	Cincinnati	OH		

US-CL-CURRENT: 424/489; 264/4.6, 264/41, 424/484, 424/497, 427/213.36

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 15. Document ID: US 6534081 B2

L11: Entry 15 of 41

File: USPT

Mar 18, 2003

US-PAT-NO: 6534081

DOCUMENT-IDENTIFIER: US 6534081 B2

TITLE: Prolonged anesthesia in joints and body spaces

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Goldenheim; Paul	Wilton	CT		
Donigi-Gale; Donna	Richfield	CT		
Sackler; Richard	Greenwich	CT		
Lacouture; Peter	Newton	CT		
Chasin; Mark	Manalapan	NJ		

US-CL-CURRENT: 424/426; 264/4.33, 424/501, 424/502, 428/402, 514/772.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc	Image
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☐ 16. Document ID: US 6413536 B1

L11: Entry 16 of 41

File: USPT

Jul 2, 2002

US-PAT-NO: 6413536

DOCUMENT-IDENTIFIER: US 6413536 B1

TITLE: High viscosity liquid controlled delivery system and medical or surgical device

DATE-ISSUED: July 2, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gibson; John W.	Springville	AL		
Sullivan; Stacey A.	Birmingham	AL		
Middleton; John C.	Birmingham	AL		
Tipton; Arthur J.	Birmingham	AL		

US-CL-CURRENT: 424/423; 264/4.1, 424/435, 424/443, 424/484, 428/402.21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc	Image
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☐ 17. Document ID: US 6395304 B2

L11: Entry 17 of 41

File: USPT

May 28, 2002

US-PAT-NO: 6395304

DOCUMENT-IDENTIFIER: US 6395304 B2

TITLE: Apparatus and method for preparing microparticles

DATE-ISSUED: May 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lyons; Shawn L.	Cincinnati	OH		
Wright; Steven G.	Madeira	OH		

US-CL-CURRENT: 424/501; 264/4.1, 264/4.33, 264/4.6, 424/1.29, 424/489, 424/490,
427/213.3, 427/213.36, 428/402.21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 18. Document ID: US 6379704 B2

L11: Entry 18 of 41

File: USPT

Apr 30, 2002

US-PAT-NO: 6379704

DOCUMENT-IDENTIFIER: US 6379704 B2

TITLE: Method for preparing microparticles having a selected polymer molecular weight

DATE-ISSUED: April 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wright; Steven G.	Madeira	OH		
Rickey; Michael E.	Loveland	OH		
Ramstack; J. Michael	Lebanon	OH		
Lyons; Shawn L.	Cincinnati	OH		
Hotz; Joyce M.	Cincinnati	OH		

US-CL-CURRENT: 424/489; 264/4.1, 264/4.6, 264/41, 424/484, 424/497, 427/213.3,
427/213.36

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 19. Document ID: US 6379703 B1

L11: Entry 19 of 41

File: USPT

Apr 30, 2002

US-PAT-NO: 6379703

DOCUMENT-IDENTIFIER: US 6379703 B1

TITLE: Preparation of microparticles having a selected release profile

DATE-ISSUED: April 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lyons; Shawn L.	Cincinnati	OH		
Ramstack; J. Michael	Lebanon	OH		
Wright; Steven G.	Madeira	OH		

US-CL-CURRENT: 424/489; 264/115, 264/117, 264/122, 264/4.1, 264/4.7, 514/772.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 20. Document ID: US 6331317 B1

L11: Entry 20 of 41

File: USPT

Dec 18, 2001

US-PAT-NO: 6331317

DOCUMENT-IDENTIFIER: US 6331317 B1

TITLE: Apparatus and method for preparing microparticles

DATE-ISSUED: December 18, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lyons; Shawn L.	Cincinnati	OH		
Wright; Steven G.	Madeira	OH		

US-CL-CURRENT: 424/489; 264/4.1, 264/4.33, 264/4.6, 424/1.29, 424/490, 424/497,
424/501, 427/213.3, 427/213.36, 428/402.21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 21. Document ID: US 6277413 B1

L11: Entry 21 of 41

File: USPT

Aug 21, 2001

US-PAT-NO: 6277413

DOCUMENT-IDENTIFIER: US 6277413 B1

TITLE: Biodegradable compositions for the controlled release of encapsulated substances

DATE-ISSUED: August 21, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sankaram; Mantripragada	San Diego	CA		

US-CL-CURRENT: 424/501; 264/4.33, 424/502, 428/402.21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 22. Document ID: US 6264987 B1

L11: Entry 22 of 41

File: USPT

Jul 24, 2001

US-PAT-NO: 6264987

DOCUMENT-IDENTIFIER: US 6264987 B1

**** See image for Certificate of Correction ****TITLE: Method for preparing microparticles having a selected polymer molecular weight

DATE-ISSUED: July 24, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wright; Steven G.	Madeira	OH		
Rickey; Michael E.	Loveland	OH		
Ramstack; J. Michael	Lebanon	OH		
Lyons; Shawn L.	Cincinnati	OH		
Hotz; Joyce M.	Cincinnati	OH		

US-CL-CURRENT: [424/489](#); [264/4.6](#), [264/41](#), [424/484](#), [424/497](#), [427/213.3](#), [427/213.36](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 23. Document ID: US 6120805 A

L11: Entry 23 of 41

File: USPT

Sep 19, 2000

US-PAT-NO: 6120805

DOCUMENT-IDENTIFIER: US 6120805 A

TITLE: Microspheres, process for their preparation and their use

DATE-ISSUED: September 19, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Spenehauer; Gilles	Cachan			FR
Veillard; Michel	Sceaux			FR
Verrechia; Thierry	Arcueil			FR

US-CL-CURRENT: [424/489](#); [264/4.1](#), [264/4.3](#), [424/499](#), [424/500](#), [424/501](#), [424/502](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 24. Document ID: US 6110503 A

L11: Entry 24 of 41

File: USPT

Aug 29, 2000

US-PAT-NO: 6110503

DOCUMENT-IDENTIFIER: US 6110503 A

TITLE: Preparation of biodegradable, biocompatible microparticles containing a biologically active agent

DATE-ISSUED: August 29, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rickey; Michael E.	Loveland	OH		
Ramstack; J. Michael	Lebanon	OH		
Lewis; Danny H.	Hartselle	AL		

US-CL-CURRENT: [424/501](#); [264/4.33](#), [264/4.6](#), [424/502](#), [428/402.21](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 25. Document ID: US 6080429 A

L11: Entry 25 of 41

File: USPT

Jun 27, 2000

US-PAT-NO: 6080429

DOCUMENT-IDENTIFIER: US 6080429 A

TITLE: Method for drying microspheres

DATE-ISSUED: June 27, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cleland; Jeffrey L.	San Carlos	CA		
Jones; Andrew J. S.	San Mateo	CA		
Powell; Michael Frank	San Francisco	CA		

US-CL-CURRENT: 424/489; 264/4.1, 264/4.3, 424/486, 424/497, 427/2.15, 427/213.32,
427/213.36, 514/963, 514/965

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☐ 26. Document ID: US 5916598 A

L11: Entry 26 of 41

File: USPT

Jun 29, 1999

US-PAT-NO: 5916598

DOCUMENT-IDENTIFIER: US 5916598 A

TITLE: Preparation of biodegradable, biocompatible microparticles containing a biologically active agent

DATE-ISSUED: June 29, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rickey; Michael E.	Loveland	OH		
Ramstack; J. Michael	Lebanon	OH		
Lewis; Danny H.	Hartselle	AL		

US-CL-CURRENT: 424/501; 264/4.33, 264/4.6, 424/502, 428/402.21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☐ 27. Document ID: US 5876756 A

L11: Entry 27 of 41

File: USPT

Mar 2, 1999

US-PAT-NO: 5876756

DOCUMENT-IDENTIFIER: US 5876756 A

**** See image for Certificate of Correction ****TITLE: Microcapsule containing amorphous water-soluble 2-piperazinone-1-acetic acid compound

DATE-ISSUED: March 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takada; Shigeyuki	Hyogo			JP
Kurokawa; Tomofumi	Hyogo			JP
Iwasa; Susumu	Kyoto			JP

US-CL-CURRENT: 424/489; 264/4.6, 424/426, 514/821, 514/822, 514/951, 514/963,
514/964

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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WMC	Draw Desc	Image
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☐ 28. Document ID: US 5792477 A

L11: Entry 28 of 41

File: USPT

Aug 11, 1998

US-PAT-NO: 5792477

DOCUMENT-IDENTIFIER: US 5792477 A

TITLE: Preparation of extended shelf-life biodegradable, biocompatible
microparticles containing a biologically active agent

DATE-ISSUED: August 11, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rickey; Michael E.	Loveland	OH		
Ramstack; J. Michael	Lebanon	OH		
Lewis; Danny H.	Hartselle	AL		
Mesens; Jean	Wechelderzande			BE

US-CL-CURRENT: 424/501; 264/4.1, 428/402.21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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WMC	Draw Desc	Image
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☐ 29. Document ID: US 5723269 A

L11: Entry 29 of 41

File: USPT

Mar 3, 1998

US-PAT-NO: 5723269

DOCUMENT-IDENTIFIER: US 5723269 A

TITLE: Microparticle preparation and production thereof

DATE-ISSUED: March 3, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Akagi; Yasaburo	Takatsuki			JP
Takechi; Nobuyuki	Osaka			JP
Nonomura; Muneo	Suita			JP

US-CL-CURRENT: 424/497; 264/4.32, 264/4.6, 424/489, 428/402.21, 514/963

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 30. Document ID: US 5654008 A

L11: Entry 30 of 41

File: USPT

Aug 5, 1997

US-PAT-NO: 5654008

DOCUMENT-IDENTIFIER: US 5654008 A

TITLE: Preparation of biodegradable microparticles containing a biologically active agent

DATE-ISSUED: August 5, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Herbert; Paul F.	Wayland	MA		
Hazrati; Azar M.	Maineville	OH		

US-CL-CURRENT: 424/489; 264/4.1, 264/4.6, 424/497, 427/213.3, 427/213.36

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 31. Document ID: US 5651990 A

L11: Entry 31 of 41

File: USPT

Jul 29, 1997

US-PAT-NO: 5651990

DOCUMENT-IDENTIFIER: US 5651990 A

TITLE: Prolonged release microparticle preparation and production of the same

DATE-ISSUED: July 29, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takada; Shigeyuki	Salt Lake City	UT		
Uda; Yoshiaki	Takarazuka			JP
Ogawa; Yasuaki	Kyoto			JP

US-CL-CURRENT: 424/497; 264/4.32, 264/4.6, 424/426, 424/463, 424/493, 428/402.2, 428/402.21, 514/963

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 32. Document ID: US 5650173 A

L11: Entry 32 of 41

File: USPT

Jul 22, 1997

US-PAT-NO: 5650173

DOCUMENT-IDENTIFIER: US 5650173 A

**** See image for Certificate of Correction ****

TITLE: Preparation of biodegradable microparticles containing a biologically active agent

DATE-ISSUED: July 22, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ramstack; J. Michael	Lebanon	OH		
Herbert; Paul F.	Wayland	MA		
Strobel; Jan	Westchester	OH		
Atkins; Thomas J.	Cincinnati	OH		

US-CL-CURRENT: 424/489; 264/4.1, 264/4.6, 424/497, 427/213.3, 427/213.36

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 33. Document ID: US 5622657 A

L11: Entry 33 of 41

File: USPT

Apr 22, 1997

US-PAT-NO: 5622657

DOCUMENT-IDENTIFIER: US 5622657 A

TITLE: Prolonged release microparticle preparation and production of the same

DATE-ISSUED: April 22, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takada; Shigeyuki	Salt Lake City	UT		
Uda; Yoshiaki	Takarazuka			JP
Ogawa; Yasuaki	Ohyamazaki-cho			JP

US-CL-CURRENT: 264/4.32; 264/4.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 34. Document ID: US 5556642 A

L11: Entry 34 of 41

File: USPT

Sep 17, 1996

US-PAT-NO: 5556642

DOCUMENT-IDENTIFIER: US 5556642 A

**** See image for Certificate of Correction ****

TITLE: Method for producing sustained release microsphere preparation

DATE-ISSUED: September 17, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kobayashi; Masao	Kyoto			JP
Nishioka; Yukiko	Toyonaka			JP
Suzuki; Takehiko	Toyono-gun			JP
Matsukawa; Yashuhisa	Osaka			JP

US-CL-CURRENT: 424/502; 264/4.1, 264/4.6, 424/451, 424/489, 424/497, 424/498,
424/501, 428/402.21, 514/963

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 35. Document ID: US 5174930 A

L11: Entry 35 of 41

File: USPT

Dec 29, 1992

US-PAT-NO: 5174930

DOCUMENT-IDENTIFIER: US 5174930 A

TITLE: Process for the preparation of dispersible colloidal systems of amphiphilic lipids in the form of oligolamellar liposomes of submicron dimensions

DATE-ISSUED: December 29, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stainmesse; Serge	Choisy le Roi			FR
Fessi; Hatem	Paris			FR
Devissaguet; Jean-Philippe	Neuilly sur Seine			FR
Puisieux; Francis	Maisons-Alfort			FR

US-CL-CURRENT: 264/4.6; 264/4.1, 424/450, 428/402.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 36. Document ID: US 5133908 A

L11: Entry 36 of 41

File: USPT

Jul 28, 1992

US-PAT-NO: 5133908

DOCUMENT-IDENTIFIER: US 5133908 A

TITLE: Process for the preparation of dispersible colloidal systems of a substance in the form of nanoparticles

DATE-ISSUED: July 28, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stainmesse; Serge	Choisy Le Roi			FR
Fessi; Hatem	Paris			FR
Devissaguet; Jean-Phillppe	Neuilly S/Seine			FR
Puisieux; Francis	Maisons Alfort			FR
Theis; Curt	Saint Louis	MO		

US-CL-CURRENT: 264/4.1; 264/4.3, 424/469, 424/485, 424/486, 424/487, 427/213.36,
514/965

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMCM	Draw Desc	Image
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☐ 37. Document ID: US 5118528 A

L11: Entry 37 of 41

File: USPT

Jun 2, 1992

US-PAT-NO: 5118528

DOCUMENT-IDENTIFIER: US 5118528 A

TITLE: Process for the preparation of dispersible colloidal systems of a substance in the form of nanoparticles

DATE-ISSUED: June 2, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fessi; Curt	Paris			FR
Devissaguet; Jean-Philippe	Neuilly S/Seine			FR
Puisieux; Francis	Maisons Alfort			FR
Thies; Curt	St. Louis	MO		

US-CL-CURRENT: 427/213.36; 264/4.1, 264/4.6, 424/469, 424/485, 424/486, 424/487, 428/402.2, 428/402.21, 514/965

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 38. Document ID: US 5049322 A

L11: Entry 38 of 41

File: USPT

Sep 17, 1991

US-PAT-NO: 5049322

DOCUMENT-IDENTIFIER: US 5049322 A

TITLE: Process for the preparaton of dispersible colloidal systems of a substance in the form of nanocapsules

DATE-ISSUED: September 17, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Devissaguet; Jean-Philippe	Neuilly sur Seine			FR
Fessi; Hatem	Paris			FR
Puisieux; Francis	Maisons Alfort			FR

US-CL-CURRENT: 264/4.1; 264/4.6, 424/490, 424/496, 424/497, 424/498, 428/402.2, 514/963

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 39. Document ID: US 4954298 A

L11: Entry 39 of 41

File: USPT

Sep 4, 1990

US-PAT-NO: 4954298

DOCUMENT-IDENTIFIER: US 4954298 A

TITLE: Method for producing microcapsule

DATE-ISSUED: September 4, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yamamoto; Masaki	Osaka			JP
Takada; Shigeyuki	Suita			JP
Ogawa; Yasuaki	Ibaraki, all			JP

US-CL-CURRENT: 264/4.6; 264/4.1, 424/461, 424/462, 424/493, 424/497, 514/800,
514/885, 514/963, 604/891.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 40. Document ID: US 4711782 A

L11: Entry 40 of 41

File: USPT

Dec 8, 1987

US-PAT-NO: 4711782

DOCUMENT-IDENTIFIER: US 4711782 A

TITLE: Prolonged release microcapsules and their production

DATE-ISSUED: December 8, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Okada; Hiroaki	Osaka			JP
Ogawa; Yasuaki	Osaka			JP
Yashiki; Takatsuka	Hyogo			JP

US-CL-CURRENT: 424/455; 264/4.6, 424/457, 424/497, 428/402.2, 514/963

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 41. Document ID: US 4652441 A

L11: Entry 41 of 41

File: USPT

Mar 24, 1987

US-PAT-NO: 4652441

DOCUMENT-IDENTIFIER: US 4652441 A

TITLE: Prolonged release microcapsule and its production

DATE-ISSUED: March 24, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Okada; Hiroaki	Suita			JP
Ogawa; Yasuaki	Ibaraki			JP
Yashiki; Takatsuka	Takarazuka			JP

US-CL-CURRENT: 424/497; 264/4.6, 424/DIG.15, 428/402.2, 514/2, 514/800, 514/822,
514/963

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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